

To: Schmit, Ayn[Schmit.Ayn@epa.gov]
From: Keteles, Kristen
Sent: Tue 4/30/2013 1:40:49 PM
Subject: Final Table and supporting spreadsheet Deep GW data
[Deep GW Monitoring Wells data.xlsx](#)

Hi Ayn,

I QA'd the table and found there was a higher detect in phase 3 for DEHP, that I overlooked when I filled in the table yesterday. Here is the table corrected for DEHP and I've also included the attached spreadsheet with the detects for the contaminants of interest for the EPA wells (phases 3,4,5). All max detects were in MW02 with the exception of 2-methylphenol from phase 5 in EPAMW01*

Chemical	MCL (ug/L)	EPA RSL (ug/L)	Max concentration in shallow GW[1] (ug/L)	Max concentration in deep GW[2] (ug/L)	Number of listed wells[3] exceeding MCL	Number of wells[4] exceeding RSL
Benzene	5	0.39	390	247	0	3 (14, 2)
Bis (2-ethylhexyl) phthalate	6	4.8	28.8	6.76	3 (20, 41, 42)	4 (05, 2)
2,4-Dimethylphenol		270	39	36.6		
Ethylbenzene	700	1.3	93	89.6		
2-Methylphenol		720	4.8	22.2*		
3-Methylphenol		720	12.8	39.8		
2-Methylnaphthalene		27	17.1	5.52		
Napthalene		0.14	170	7.20		1
Toluene	1000	860	61	677		
Xylenes	10000	190	152.2	1230		
DRO/GRO		200[5]	62000 DRO 2720 GRO	4200 DRO 5290 GRO		
TOTAL WELLS EXCEEDING				3	7	

[1] From EPA Phase II sampling of three VRP pit monitoring wells

[2] From EPA Phase III-V sampling—unless noted with * concentration is from MW01

[3] From among the fifteen sample IDs listed in Wyoming proposal (representing 14 domestic/irrigation/stock wells)

[4] From among the fifteen sample IDs listed in Wyoming proposal (representing 14 domestic/irrigation/stock wells)

[5] EPA ESL does not exist; value is screening level from ATSDR Evaluation of Contaminants in Private Residential Well Water, Pavillion, Wyoming, 2010